

Design Standards Letter

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Effective Date: 03/22/1962

Section/Plan No.: None

Subject: Standard Drawings

Body

ALL DIVISION , DISTRICT AND URBAN ENGINEERS:

We are mailing under separate cover several copies of the following new or revised standard drawings.

Standard 21.55. Commercial Entrances was revised to include delineation for those commercial entrances that are not considered to be paved approaches as shown on Standard Drawing 85.00. We have attached for your information an advance copy of the Design Manual revision that provides for the design of entrances. This will be included in the Manual in the near future. Entrances for future projects should be designed in accordance with these changes. We want to point out that the radii shown in Table 14.15.1 are desirable minimum . It should be understood that this does not prevent the use of a lesser radius. It will not be necessary to revise partially-completed plans to comply with these new requirements. We have also attached a copy of the "guard post" special provision to be inserted by this office, in all future contracts containing this item.

Standard 48.10. Appurtenances for Concrete Pavement, was revised as follows: (1) Corrected the dimensions showing the width of the aggregate sill from inches to feet, (2) included notes to provide for the length of sills used under expansion joints, and (3) Revised the required depth for reinforcing steel from 2 to 3 inches to $3" \pm 1/2"$ from the surface.

Standard 48.31. Bridge Approach Slab, was revised as follows: The drop inlet was relocated to provide the space required for the installation of guard rail. The title of "Inlet Frame and Cover" was revised to read "Manhole Frame and cover, Type 3". The curb and gutter was designated as Type C and a note was added to provide for filling the completed mud-jack holes in the approach slab.

Standard 53.60. Handrail Details for Concrete Deck Girder Bridges, was revised to change the slope curb to a bevel type curb as shown in Sections A-A and B-B.

Standard 70.13. Pad Mounted Substation, was revised to change the bending radius of the

conduit at the substation to 36 inches.

Standard 70.14. Pad Mounted Substation, is a new drawing to provide for substations for a primary voltage above 5000 volts as mentioned in General Letter No. 1, 1962.

Standard 80.44. Drop Inlet Type E, was revised to correct the size of the angle shown on Section A-A of the Type C cover and to add note that weights of covers shown in the table would be used for final payment.

Standard 80.47. Type T Drop Inlet, was revised to change the title of frame and covers to "Manhole Frame and Cover, Type 3".

Standard 80.50. Pipe Collars and Metal Curtain Walls, was revised to include the Metal Curtain Wall. This will eliminate the necessity of a special drawing for this item.

Standard 85.00. Standard Paved Approaches, was revised to delete the reference to minimum radius and to include the commercial approaches on this Standard.

These new or revised Standards will be used where applicable as plans for all future projects, beginning with the May letting.

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